

Listing of Claims:

1. (Currently amended) A topical veterinary composition for the treatment or prevention of bovine mammary infections in animals comprising iodine as an anti-microbial agent and a phospholipid-containing skin conditioner[[+]] , wherein the phospholipid is selected from the group consisting of:  
linoleamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
cocoamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
sunfloweramidopropyl phosphatidylglycerol dimonium chloride phosphate;  
sodium olivamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
stearamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
ricinoleamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
di-linoleamidopropyl phosphatidylglycerol dimonium chloride phosphate;  
poly(ethylene glycol)<sub>n=8</sub> dimethicone sunfloweramidopropyl phosphatidylglycerol dimonium chloride phosphate complex;  
dimethicone saffloweramidopropyl phosphatidylglycerol dimonium chloride phosphate complex;  
sodium grapeseedamidopropyl phosphatidylglycerol dimonium chloride phosphate; and  
sodium borageamidopropyl phosphatidylglycerol dimonium chloride phosphate.

2. (Cancelled)

3. (Original) The composition of claim 1 comprising between about 0.01 and about 20 wt % phospholipid compound.

4. (Currently amended) The composition of claim 1 comprising between about 0.1 and about 2 wt % iodine ~~as the anti-microbial agent.~~

5. (Currently amended) The composition of claim 1 wherein the composition is a concentrate for dilution with a diluent to yield a ready-to-use composition comprising between about 0.01 and about 20 wt % phospholipid compound and between about 0.1 and 2 wt % iodine ~~as the anti-microbial agent.~~

6. (Cancelled)

7. (Currently amended) The composition of claim 1 wherein the phospholipid is ~~selected from the group consisting of:~~ linoleamidopropyl phosphatidylglycerol dimonium chloride phosphate, ~~cocoamidopropyl phosphatidylglycerol dimonium chloride phosphate, sunfloweramidopropyl phosphatidylglycerol dimonium chloride phosphate, sodium olivamidopropyl phosphatidylglycerol dimonium chloride phosphate, stearamidopropyl phosphatidylglycerol dimonium chloride phosphate, ricinoleamidopropyl phosphatidylglycerol dimonium chloride phosphate, di-linoleamidopropyl phosphatidylglycerol dimonium chloride phosphate, poly(ethylene glycol)<sub>n-6</sub> dimethicone sunfloweramidopropyl, phosphatidylglycerol dimonium chloride phosphate complex, dimethicone saffloweramidopropyl phosphatidylglycerol dimonium chloride phosphate complex, sodium grapeseedamidopropyl phosphatidylglycerol dimonium chloride phosphate, and sodium berageamidopropyl phosphatidylglycerol dimonium chloride phosphate.~~

8. (Currently amended) The composition of claim 1 wherein the phospholipid is present in a weight ratio to ~~the antimicrobial agent~~ iodine of between about 0.1:1 and about 10:1.

9. (Currently amended) The composition of claim 1 wherein the phospholipid is present in a weight ratio to ~~the antimicrobial agent~~ iodine of between about 1:1 and about 4:1.

10. (Currently amended) The composition of claim 1 wherein the phospholipid is present in a weight ratio to ~~the antimicrobial agent~~ iodine of between about 1.5:1 and about 2.5:1.

11. (Currently amended) The composition of claim 1 wherein the phospholipid is present in a weight ratio to ~~the antimicrobial agent~~ iodine of about 2:1.

12. (Original) The composition of claim 1 further comprising a phosphate ester surfactant.

13. (Original) The composition of claim 12 wherein the phosphate ester surfactant comprises an alkyl-aryl poly(ethoxy) phosphate ester.

14. (Original) The composition of claim 13 wherein the phosphate ester surfactant has an alkyl moiety in the range of C7 to C14 and a degree of polymerization in the range of 2 to 6.

15. (Original) The composition of claim 12 wherein the phosphate ester surfactant comprises a C10 to a C18 fatty acid poly(ethoxy) phosphate ester.

16. (Original) The composition of claim 12 wherein the phosphate ester surfactant is selected from the group consisting of capric, lauric, myristic, palmitic, stearic, oleic, linoleic, linolenic, and arachidonic acid and their corresponding isomers with a degree of polymerization ranging from 2 to 6.

17. (Original) The composition of claim 1 further comprising a synthetic surfactant.

18. (Original) The composition of claim 17 wherein the synthetic surfactant comprises an alkyl-aryl poly(ethoxy) ethanol.

19. (Original) The composition of claim 17 wherein the synthetic surfactant comprises an n-alkyl poly(ethoxy) ethanol.

20. (Original) The composition of claim 18 wherein the synthetic surfactant has an alkyl moiety in the range of C7 to C14 and has a degree of polymerization in the range of 7-14.

21. (Original) The composition of claim 19 wherein the synthetic surfactant has an alkyl moiety in the range of C7 to C14 and has a degree of polymerization in the range of 7-14.

22. (Original) The composition of claim 18 wherein the synthetic surfactant has an alkyl moiety in the range of C8 to C9 and has a degree of polymerization in the range of 9-10.

23. (Original) The composition of claim 19 wherein the synthetic surfactant has an alkyl moiety in the range of C8 to C9 and has a degree of polymerization in the range of 9-10.

24. (Original) The composition of claim 1 further comprising a thickening agent.

25. (Original) The composition of claim 24 wherein the thickening agent comprises an alkyl-hydroxy cellulose.

26. (Original) The composition of claim 24 wherein the thickening agent has an alkyl moiety in the range of C1 to C3.

27. (Original) The composition of claim 24 wherein the thickening agent has an alkyl moiety of C2.

28. (Original) The composition of claim 1 further comprising any bioactive tocopherol.

29. (Original) The composition of claim 28 wherein the bioactive tocopherol is vitamin E.

30. - 35. (Cancelled)

36. - 51. (Withdrawn)

52. (New) The composition of claim 1 wherein the bovine mammary infection is mastitis.

53. (New) The composition of claim 1 wherein the phospholipid is cocoamidopropyl phosphatidylglycerol dimonium chloride phosphate.

54. (New) The composition of claim 1 wherein the phospholipid is sunfloweramidopropyl phosphatidylglycerol dimonium chloride phosphate.

55. (New) The composition of claim 1 wherein the phospholipid is sodium olivamidopropyl phosphatidylglycerol dimonium chloride phosphate.

56. (New) The composition of claim 1 wherein the phospholipid is stearamidopropyl phosphatidylglycerol dimonium chloride phosphate.

57. (New) The composition of claim 1 wherein the phospholipid is ricinoleamidopropyl phosphatidylglycerol dimonium chloride phosphate.

58. (New) The composition of claim 1 wherein the phospholipid is di-linoleamidopropyl phosphatidylglycerol dimonium chloride phosphate.

59. (New) The composition of claim 1 wherein the phospholipid is poly(ethylene glycol)<sub>n=8</sub> dimethicone sunfloweramidopropyl phosphatidylglycerol dimonium chloride phosphate complex.

60. (New) The composition of claim 1 wherein the phospholipid is dimethicone saffloweramidopropyl phosphatidylglycerol dimonium chloride phosphate complex.

61. (New) The composition of claim 1 wherein the phospholipid is sodium grapeseedamidopropyl phosphatidylglycerol dimonium chloride phosphate.

62. (New) The composition of claim 1 wherein the phospholipid is sodium borageamidopropyl phosphatidylglycerol dimonium chloride phosphate.